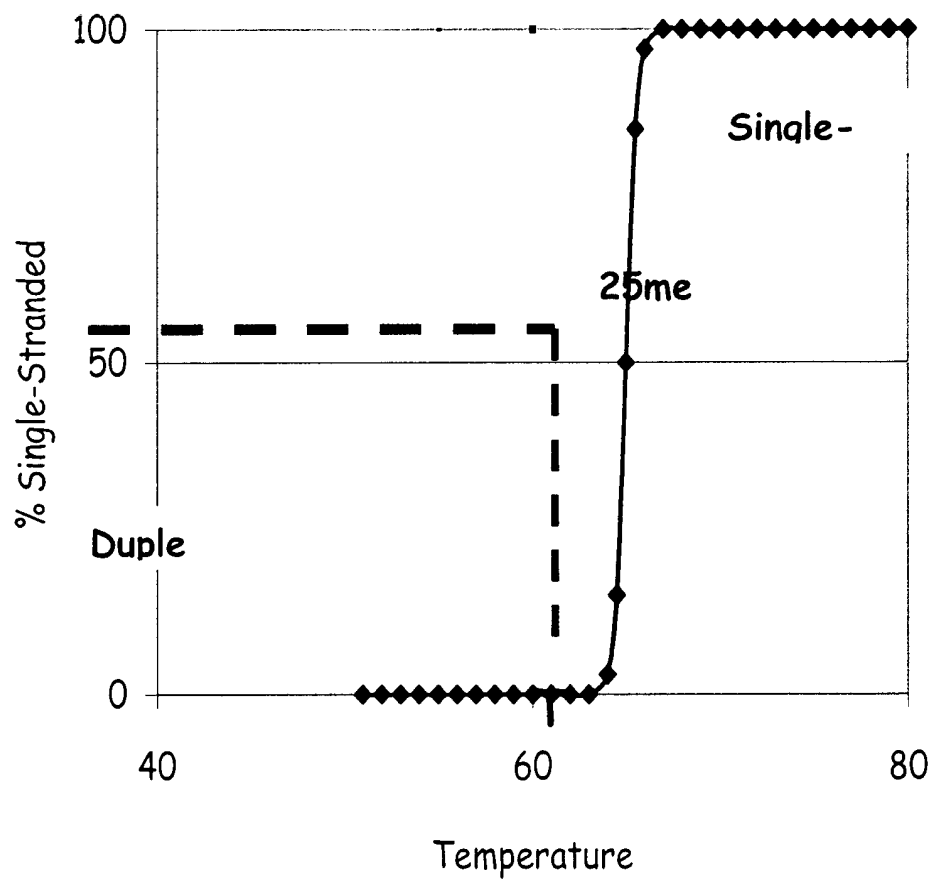
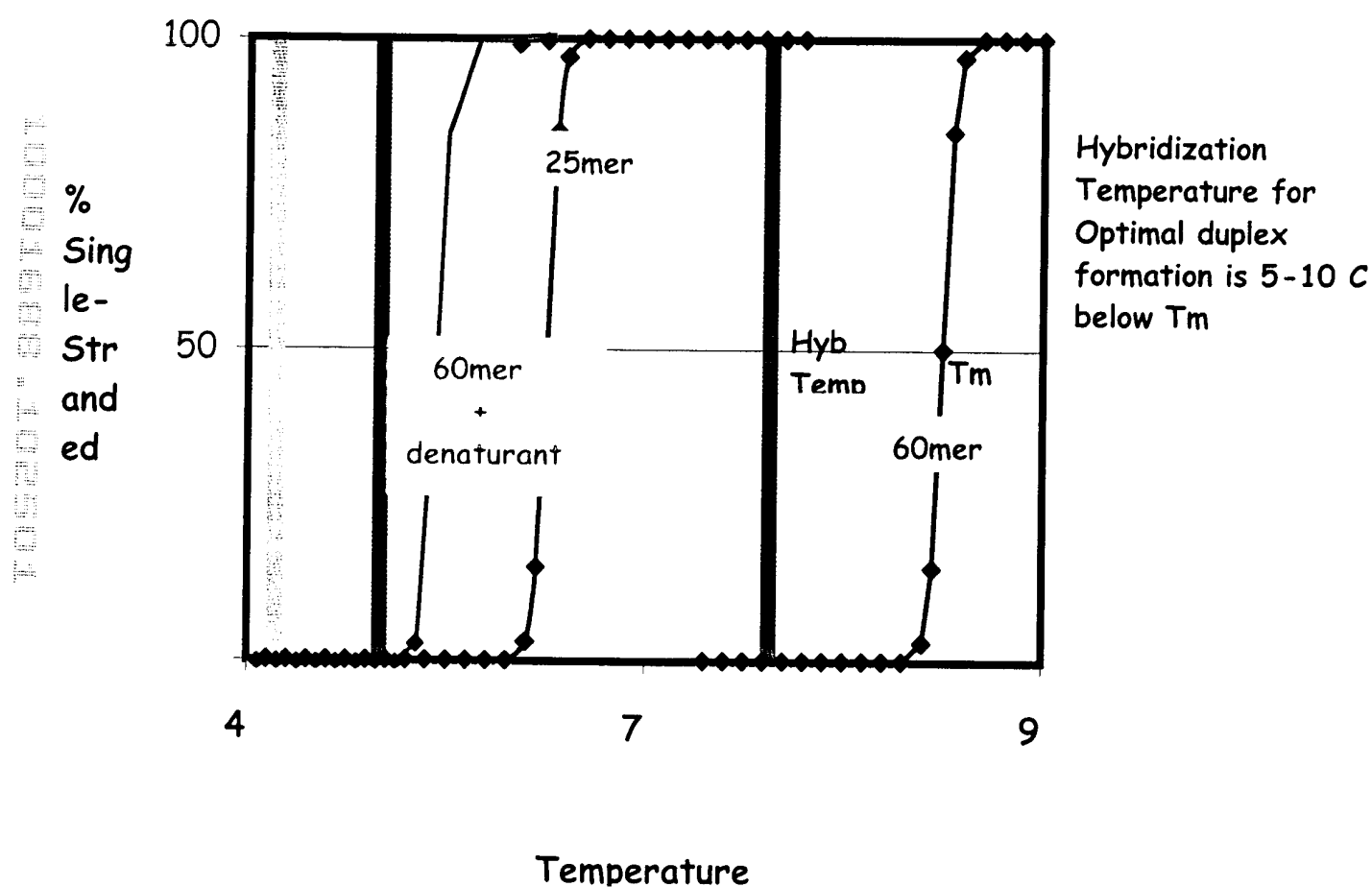


FIG. 3 Duplex Denaturation Curve



The stability of the duplex formed upon hybridization can be expressed as a function of the temperature in which 50% of the molecules are hybridized (T_m)

FIG. 4 Melting curves for 25, 60 and 60 mer with denaturant



**FIG. 5 Extrapolation to Predicted Optimum
for L=60 (50°C)**

Contour Plot

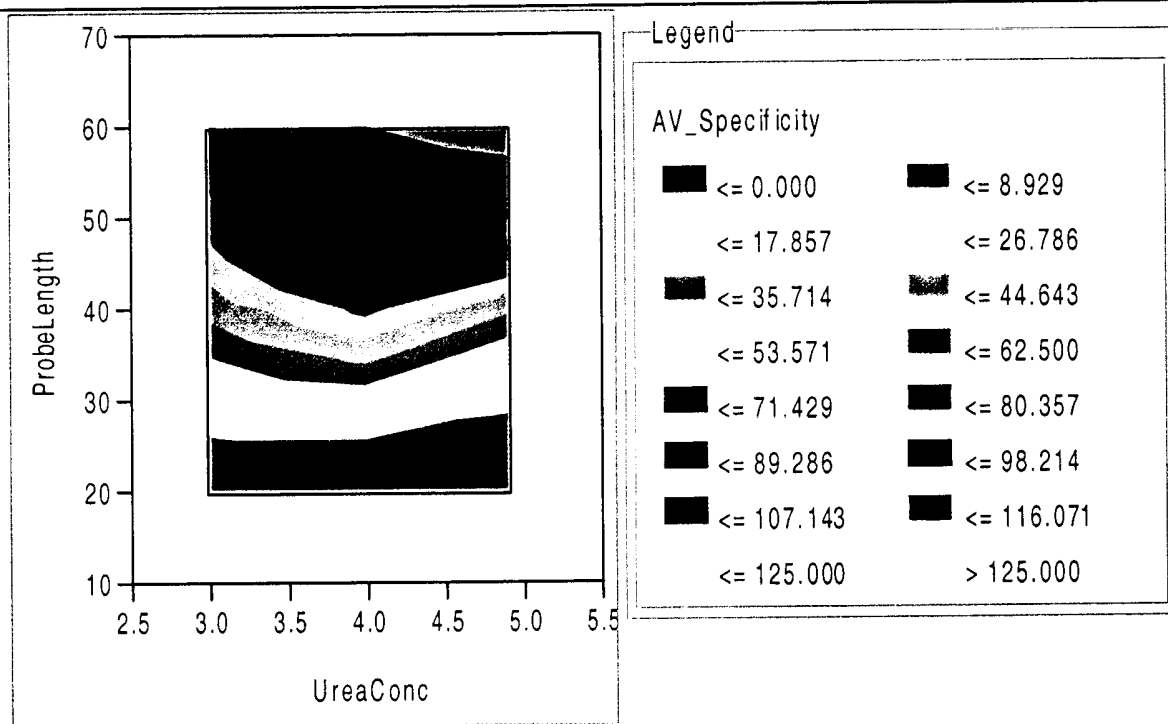


FIG. 6 Optimal Urea Concentrations of 50°C
Probe Length Series

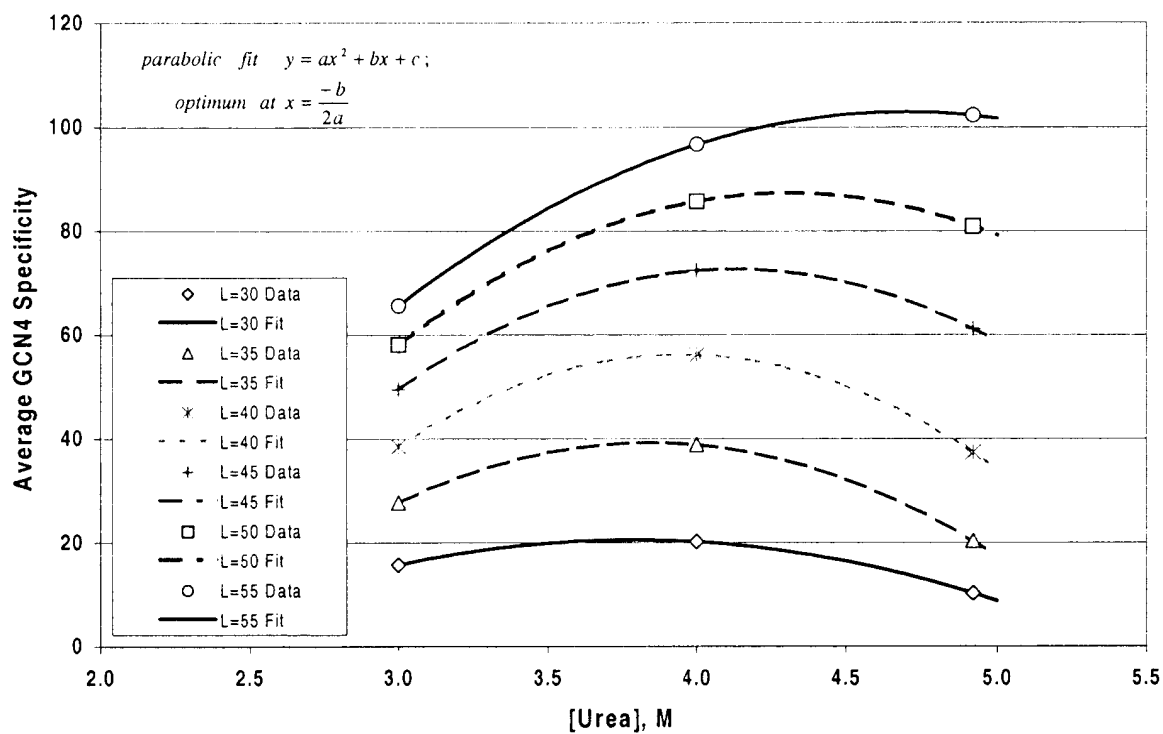


FIG. 7 Extrapolated Optimal [Urea] for
L=60, T=50°C

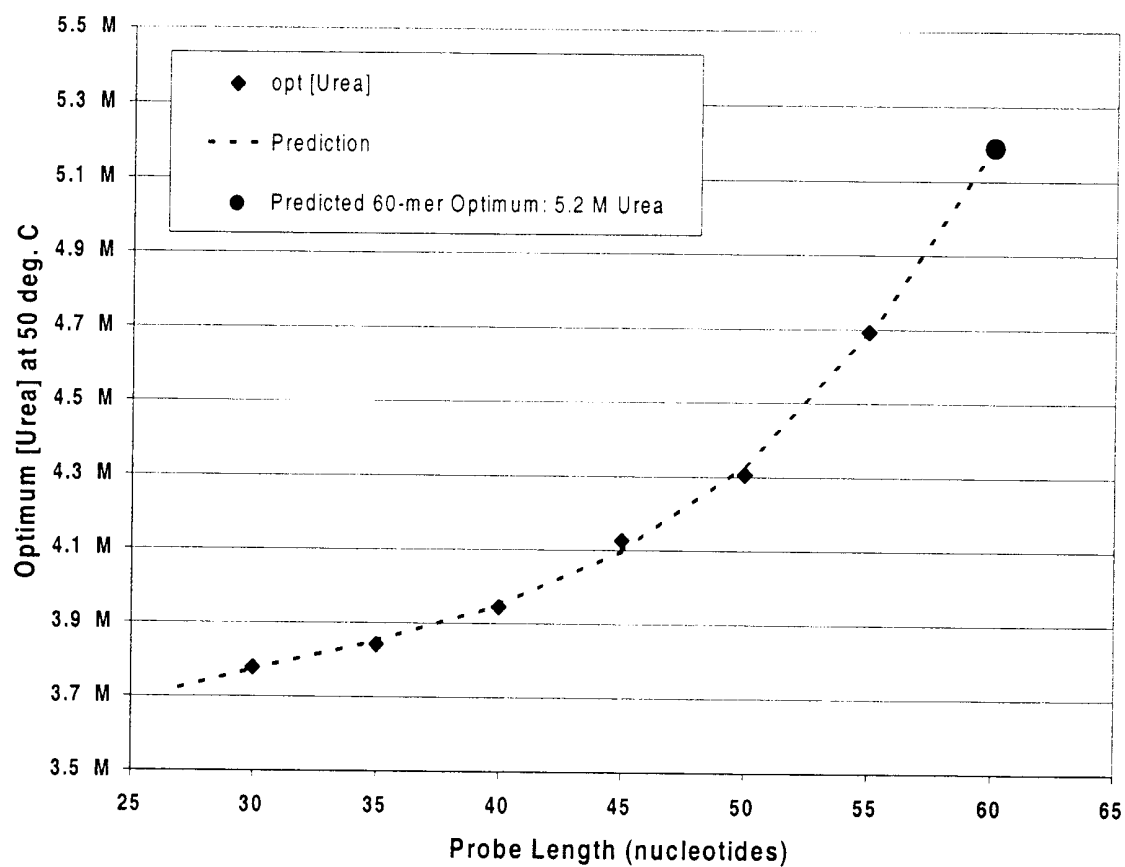
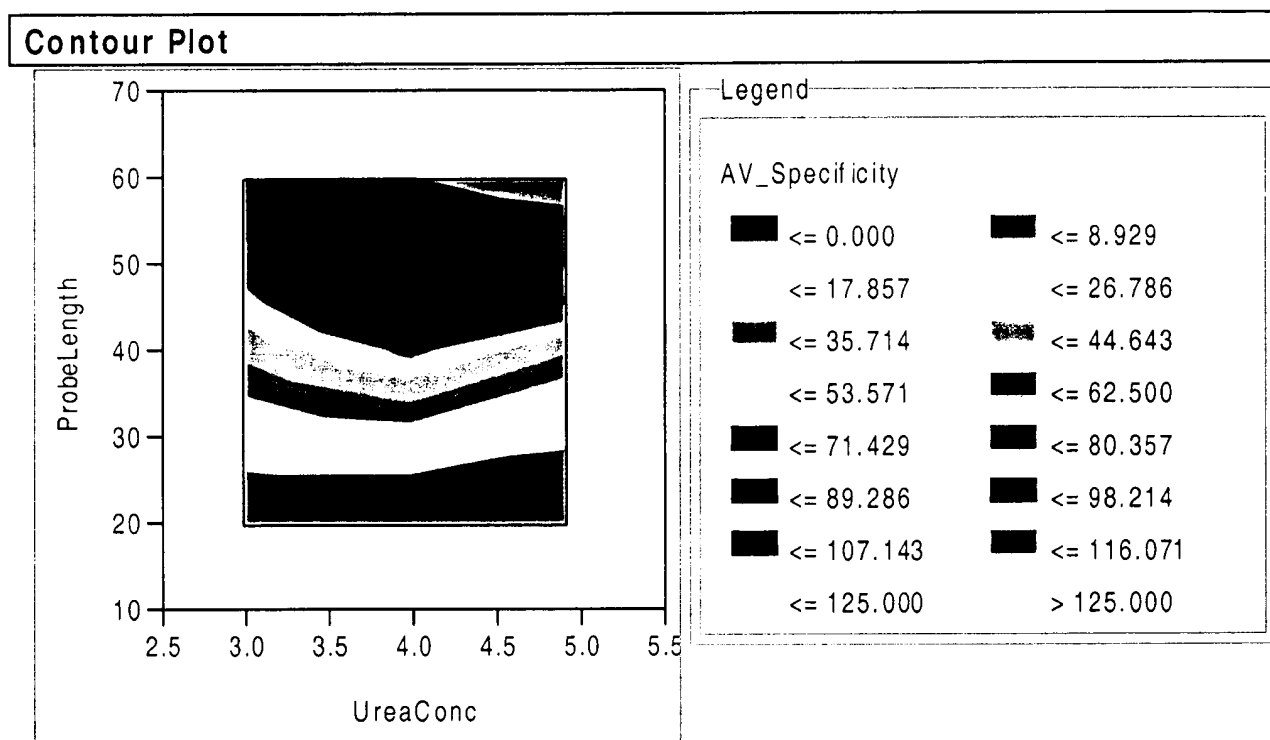


FIG. 8 Extrapolation to Predicted
Optimum for L=60 (50°C)





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